KROTO, S. A., KOLPAKOV, A. S.

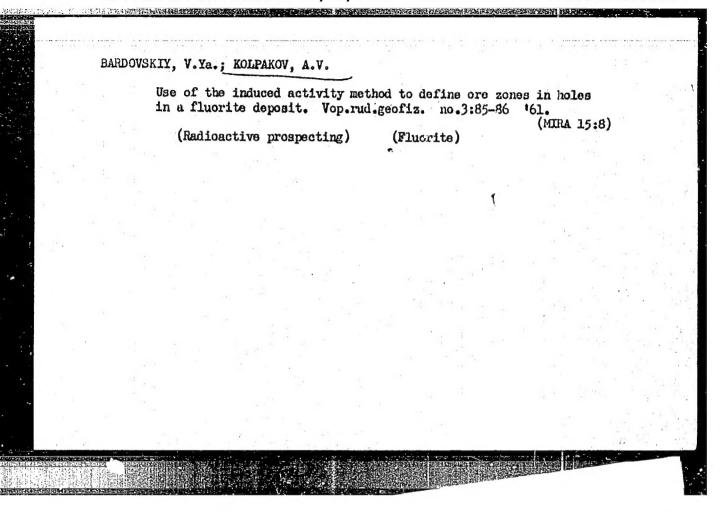
KROTEV, S. A., KOLFAKOV, A. S.

Buildings prefabricated

Large panel construction of industrial enterprises. Stroi. prom. 30, No. 3, March 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 1953, Uncl.

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P(c) JD SOURCE CODE: UR/0070/66/011/004/0511/0519 IJP(c) EWT(1)/EWP(t)/ETI AUTHOR: Kuz'min, R. N.; Kolpakov, A. V.; Zhdanov, G. S. ORIG: Moscow Stato University im. M. V. Lomonosov (Hoskovskiy gosudarstvennyy ACC NR: APO024664 TITLE: Scattering of Mossbauer radiation by crystals SOURCE: Kristallografiya, v. 11, no. 4, 1966, 511-519 TOPIC TAGS: Mossbauer effect, gamma scattering, atomic structure, crystal ABSTRACT: The authors present a theoretical analysis of the application of the Mossbauer offect, and especially resonant scattering of quanta by nuclei of atoms in a crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite the investigation of the atomic et meture of crystal lite in the investigation of the atomic et meture of crystal lite in the investigation of the atomic et meture of crystal lite in the investigation of the atomic et meture of crystal lite in the atomic et meture of crystal lite et meture of cr in a crystal hto the investigation of the atomic structure of crystals. The theory structure analysis of the method is reviewed and it is shown how measurement of a sufficiently large number of reflections makes it possible to establish the crystallographic planes munuor of refroctions makes it possible to establish the crystallographic planes which contain Mossbauer atoms. The experimental data which can serve as a basis of which contain Mossbauer atoms. The experimental data which can serve as a basis of which contain Mossbauer atoms method are reviewed. It is shown that the structural analysis by the Mossbauer atom method are reviewed. which contain mossuader atoms. The experimental data which can surve as a dash of structural analysis by the Mossbauer-atom method are reviewed. It is shown that the Nossbauer method combines the advantages of other structure-analysis methods and in addition has a greater flexibility. It also permits an analysis of complicated

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biological crystalline objects. Although there are still many experimental difficulties, it is concluded that there are grounds for assuming Mossbauer scattering and diffraction to take their place among other diffraction methods of structural analysis. Orig. art. has: 4 figures and 18 formulas.

SUB CODE: 20/ SUBM DATE: 14Sep65/ ORIG REF: 001/ OTH REF: 015

SHUGAL, Ye.G.; RYABOY, O.M.; BOCHAHOVA, T.V.; KISLYAK, L.M.; (KOBEL'KOVA, A.M.; LYKOV, A.D.; MANYAKHIHA, O.V.; SHLEHOVA, T.G.; YAGUFOVA, Ye.I.; IVAHOV, N.A.; RYBKIN, I.P.; KHOKHLOVA, P.Ye.; KHRIJETYAYKVA, A.S.; FROLOVA, M.I.; RAKOV, F.M., red.; MARCHENKO, V.A., red.; KOLPAKOV, B.T., red.; DEMINA, V.N., red.; MHLENT'YHV, A.M., tekhn.

[Soviet commerce of the R.S.F.S.R.; a statistical manual] Sovetskaia torgovlia v RSFSR; statisticheskii sbornik. Moskva, Gos. stat. izd-vo, 1956. 342 p. (MIRA 11:10)

1. Russia (1917- R.S.F.S.R.) TSentral nove statisticheskoye upravleniye.

(Commercial statistics)

KOLPAKOV, B.T.

PHASE I BOOK EXPLOITATION

751

RSFSR Tsentral'noye statisticheskoye upravleniye

RSFSR na 40 let; statisticheskiy sbornik (The RSFSR During Forty Years; Statistical Data) Moscow, Izd-vo "Sovetskaya Rossiya", 1958. 222 p. 25,000 copies printed.

Gen. Ed.: Kolpakov, B.T., Ed.: Korobov, P.I.; Tech. Ed.: Yusfina, N.L.; Chief, Central Statistical Administration of the RSFSR.

PURPOSE: This book is designed for the non-specialist reader interested in statistical data on the Russian Soviet Federated Socialist Republic (RSFSR).

COVERAGE: The present statistical abstract was prepared by members of the Central Statistical Administration of the RSFSR under the direction of its head, B.T. Kolpakov. Its purpose is to show in a popularized presentation the Republic's achievements during the years of the Soviet Administration. Comparisons are made between data obtained for 1915 (on the basis of the then existing boundaries) and data based on the RSFSR's present boundaries, which now include Tannu-Tuva,

Card 1/15

The RSFSR During Forty Years; Statistical Data

751

the Kaliningradskaya oblast, and Southern Sakhalin. The period covered is from 1913 to 1956 and figures for 1956 are given mostly in percentages of the 1913 data. In addition to data on various items for the Republic as a whole, the abstract provides similar information for each one of the autonomous soviet socialist republics within the RSFSR. Most of the tables are accompanied by commentary of an explanatory nature which point out and emphasize the achievements made. The book is accompanied by 16 illustrated supplements showing by bar graphs the production and development of various parts of the economy in 1913, 1928, 1940, 1945, and 1956.

TABLE OF CONTENTS:

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Territory	Brotherly Family of the RSFSR of the RSFSR	of Nations of the	• USSR	5 7 7

Card 2/17

AUTHOR:

Kolpakov, B., Chief of the RSFSR TsSU

507/2-58-11-2/18

TITLE:

The All-Union Census Must Be Carried Out in an Exemplary Manner (Obraztsovo provesti Vsesoyuznuyu perepis' naseleniya)

PERTODICAL:

Vestnik statistiki, 1958, Nr 11, pp 10-17 (USSR)

ABSTRACT:

The forthcoming All-Union census in January 1959 is supposed to show the enormous economic and cultural changes, which have taken place within the Soviet Union during the past twenty years. The outcome of the census will provide the Communist Party with the necessary data for calculating the control figures of Soviet economic development during the next 7-Year Plan, which will cover a period from 1959 to 1965. The author mentions the utmost importance of the preparatory work (the division of the country into census districts, census test taking, the selection and training of efficient census taking personnel and general information for the masses about the importance and significance of the forthcoming census) and expresses his hope that certain

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The All-Union Census Must Be Carried Out in an Exemplary Manner

deficiencies will be eliminated in due time. There is 1 table.

ASSOCIATION: Tasu RSFSR (The RSFSR Central Administration of Statistics)

Card 2/2

UVAROV, V.S.,.otv. sa vypusk; KCLPAKOV. B.T., otshchiy red.; DEMINA, V.N., red.; MELENE'IET A.R., tekin.red.

[National economy of the R.S.F.S.R. in 1958; statistical yearbook] Marcdnee khosiaistvo RSFSR v 1958 godu; statisticheskii ezhegodnik. Moskva, Gos.stat.izd-vo, 1959.

507 p. (MIRA 12:9)

1. Bassia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye. 2. Machal'nik TSentral'nogo statisticheskogo upravleniya pri Sovete Ministrov RSFSR (for Kolpakov).

(Bussia--Economic conditions--Yearbooks)

KOLPAKOV, B.T., red.; DEMINA, V.N., red.; PYATAKOVA, M.D., tekhn.red.

[The R.S.F.S.R. in 1959; concise statistical reference book]
RSFSR v 1959 godu; kratkii statisticheskii spravochnik. Moskva.
Gosstatizdat TsSU SSSR, 1960. 222 p. (MIRA 13:8)

1. Russia (1917- R.S.F.S.R.) TSentral noye statisticheskoye upravleniye. 2. Nachal nik TSentral nogo statisticheskogo upravleniya RSFSR (for Kolpakov).

(Russia--Statistics)

KOEPAKOV, B.T., red.; DEMINA, V.N., red.; CHUPROVA, Yu.S., red.;

PYATAKOVA, N.D., tekhn.red.

[National economy of the R.S.F.S.R. in 1959; statistical yearbook] Narodnoe khoziaistvo RSFSR v 1959 godu; statisticheskii ezhagodnik. Moskva, Gosstatizdat TaSU SSSR, 1960.
599 p. (MIRA 14:2)

1. Russia (1923- U.S.S.R.) TSentral noye statisticheskoye upravleniye. 2. Machal nik TSentral nogo statisticheskogo upravleniya.

(Russia -- Economic conditions)

KOLPAKOV, B.T., red.; DEMINA, V.N., red. izd-va; CHUPROVA, Yu.S., red.

izd-va; KAPRALOVA, A.A., tekhn. red.

[National economy of the R.S.F.S.R. in 1960; statistical year-book] Narodnoe khoziaistvo RSFSR v 1960 godu; statisticheskii ezhegodnik. Moskva, Gosstatizdat TSSU SSR, 1961. 571 p.

(MIRA 14:9)

1. Nachal'nik TSentval'nogo statisticheskogo upravleniya pri Sovete Ministrov RSFSR (for Kolpakov).

(Russia—Statistics)

MLYUCHEROV, A.P.; KOMDEAT'YIV, S.N.; Frinimali uchastiye; GUSAROV, F.V.;

UDOYEMEO, V.G.; PETROV, G.A.; BURKSER, V.Te.; SEMODIU, I.A.;

KUDRIN, Ye.A.; GALAKHMATOV, S.N.; ZIMIMA, L.P.; SHISHARIN, B.N.;

KONDYURIMA, R.V.; EURMISTROV, K.A.; SHEMIM, I.A.; SIMOMEMED, F.N.;

GORSHILOV, Yu.V.; MOLPAKOV, B.V.; GUSAROV, A.K.; BOLOTOV, P.G.

Heat insulation of open-hearth furnace crowns. Metallurg 5 no.11;

14-17 N '60.

1. Nizhe-Tagil'skiy metallurgicheskiy kombinat.

(Open-hearth furnaces-Design and construction)

(Insulation (Heat))

KCAKOV, A.I., BELOPOL'SKIY, M.P., CHERNORUK, S.G., KOLPAKOV, D.A.

Hydrothermal synthesis and X-ray study of TRNbTiO6 type compounds. Dokl. AN SSSR 147 no.3:667-688 N '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
Predstavleno akademikon N.V. Belovym.

(Rare earth titanium oxide) (X-ray crystallography)

(Niobium compounds)

KOMKOV, A.I.; BELOPOL'SKIY, M.P.; CHERMORUK, S.G.; KOLPAKOV, D.A.

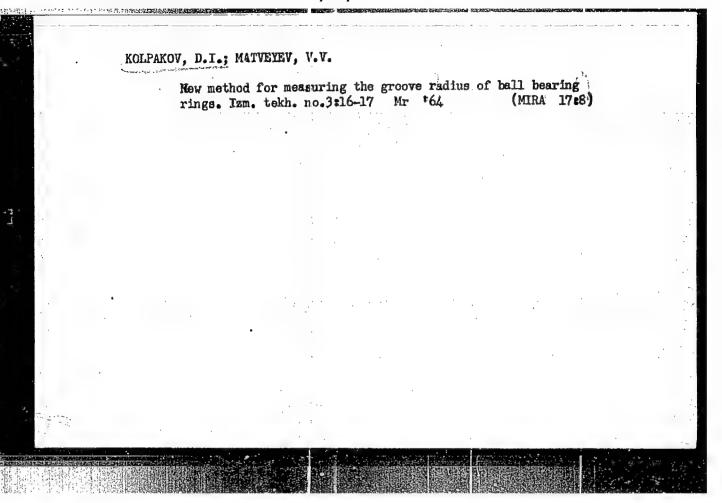
Artificial priorite. Zap. Vses.min.ob-va 93 no. 2:205-207
'64. (MIRA 17:6)

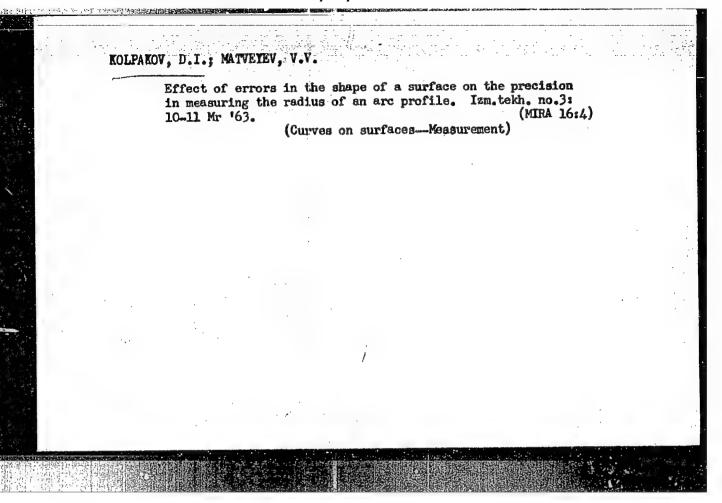
1. Vsesoynznyy nauchno-issledovatel'skiy geologicheskiy institut (VSEGMI).

KRECHETOV, M.F.; KOLPAKOV, D.F., glavnyy vrach.

Treating osteoarticular tuberculosis with antibiotics. Probl.tub, no.3;
89-90 ky-Je '53. (ML9A 6:7)

1. Gorodskoy detskiy kostnotuberkulzenyy sanatoriy No.7 "Serebryanyy Bor".
(Bones--Tuberculosis) (Joints--Tuberculosis) (Antibiotics)





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KOIPAKOV, D.

34061. Voprosy organizatsii i oplaty truda v kolkhozakh. (Obzorliteratury, vypushch. obl. izd-vani). Voprosy ekonomiki, 1949, No. 10, s. 94-102

SO: Knizhuaya, Letopis', Vol. 7, 1955

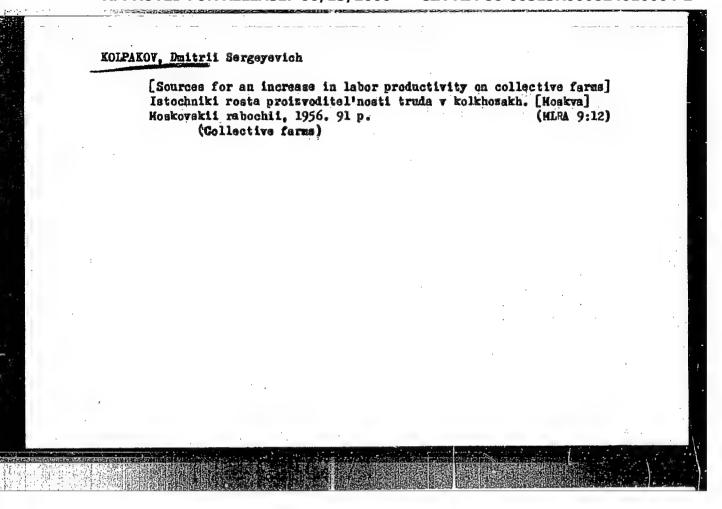
"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000824010004-2

KOLPAKOV, D.S. O. Sochetanil Obshchestvennykh i Interesov v Rolkhozakh.

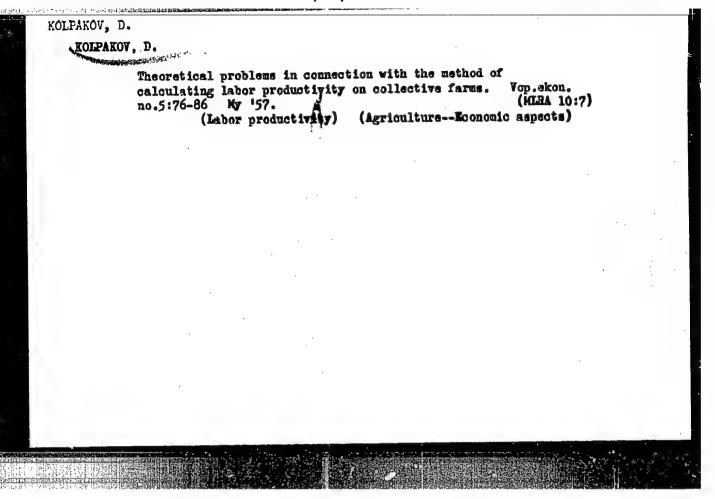
3503. KOLFAKOV, D.S. O. Sochetanil Obshchestvennykh i Interesov v Rolkhozakh.

m. Goskul'tprosvetizdat, 1954. 4 s 22sm (B-Chka< V Pomoshch Lektory>>). 36,000
ekz. ir.— (54-57390) P 338.lik.

SO: Knizhnaya Letopis', Vol. 3, 1955



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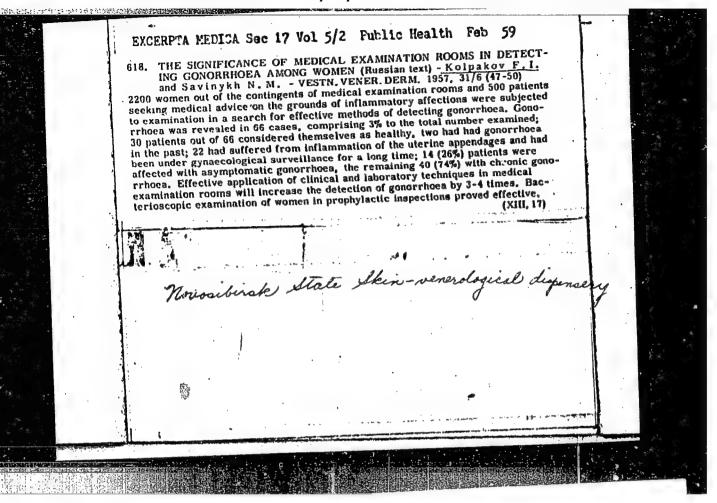
KOLPAKOV, F.I.

Thermoregulatory reflex in psoriasis. Vest.derm. 1 ven. 31 no.2: (MIRA 12:12) 8-14 Kr-Ap 157.

l. Iz Hovosibirskogo gorodskogo kozhno-venerologicheskogo dispansera (nauchnyye rukovoditeli - chlen-korrespondent AMN SSSR prof. P.V. Koshevnikov i kand.biol.nauk A.V. Loginov).
(PSORIASIS, physiol.
thermorefulatory reflex)

(REFLEX, in various dis. thermoregulatory reflex in paoriasis)

CIA-RDP86-00513R000824010004-2" APPROVED FOR RELEASE: 06/13/2000



KOLPAKOV, F.I. Some data on discensary services for sychilis patients in Some data on discensary in English]. Vest.derm. i ven. 32 Novosibirsk [with summary in English]. Vest.derm. i ven. 32 Novosibirsk [with summary in English]. Vest.derm. i ven. 32 Novosibirsk [with summary in English]. Vest.derm. i ven. 32 NIRA 11:4) no.1:57-60 Ja-F '58. 1. Is Novosibirsk [with summary in English]. Vest.derm. i ven. 32 (SYPRILIS, ther. (SYPRILIS, ther. outpatient ther. (Bus)

· 1011年,在1882年的時間的特別的研究。

KOLPAKOV, F. I.

Problem of dispensary treatment of patients with occupational diseases of the skin. Zdrav. Ros. Feder. 3 no.3:25-30 Nr '59. (MIRA 12:4)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera (glavnyy vrach F. I. Kolpakov) i kafedry kozhnykh i venericheskikh bolezney (Zav. - prof. A. K. Yakubson) Novosibirskogo meditsinskogo instituta.

(SKIN--DISEASES)

KOLPAKOV, F.I.; SAVIHYKH, N.M.

在地位表现分於一部分也是一個國際工作自然發展的國際。

Experience in active detection of gonorrhea in women. Vest.derm.1 (MIRA 12:11) ven. 33 no.4:60-64 Jl-Ag '59.

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera (glavnyy vrach F.I. Kolpakov) i kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A.K. Yakubson) Novosibirskogo meditsinskogo instituta.

(GONOHRHEA, diagnosis)

KOLPAKOV, F.I.

Dispensary care for patients with occupational skin diseases.

Zdrav. Ros. Feder. 4 no.1:18-22 Ja 60. (MIRA 13:5)

1. Iz Novosibirskogo gorodskogo koshno-venerologicheskogo dispansera. (SKIN--DISEASES)

ROLPAKOV, F.I. Reflex vescular reactions of the skin in patients with occupational dermatoses and typical ecsemes. Vest.derm. 1 ven. 34 no.2:34-39 F '60. 1. Is Novosibirskogo gorodskogo koshno-venerologicheskogo dispansers. (OCCUPATIONAL DERMATITIS physiol.) (ECZEMA physiol.) (SKIN blood supply) (VASOHOTOR SYSTEM physiol.)

KOLPAKOV, F.I.

K KIRANI PROGRAMMA SANTANIA

Skin diseases in certain industrial plants in Omsk. Vest.derm.

1 ven. 35 no.3:51-54 Mr 161. (MIRA 14:4)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. G.G. Kondrat ven) Omskogo gosudarstvennogo meditsinskogo instituta imeni M.I. Kalinina (dir. - prof. I.S. Novitskiy)

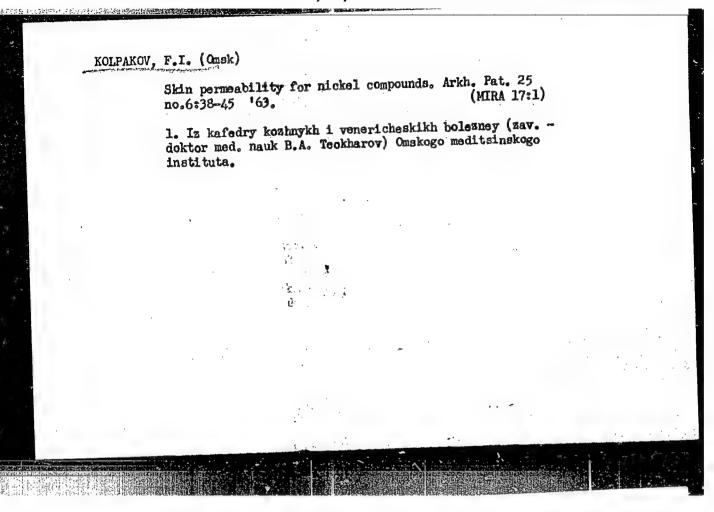
(CMSK-SKIN-DISEASES)

24.5

KOLPAKOV, F.I., dotsent

Occupational dermatoses caused by chromium and a histochemical method for determining its permeation through the skin. Vest.derm. i ven. no.9:49-54:62 (MIRA 16:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. -doktor med. nauk B.A.Teokharov) Omskogo meditsinskogo instituta imeni M.I.Kalinina. (CHROMIUM-PHYSIOLOGICAL EFFECT) (OCCUPATIONAL DISEASES) (SKIN-DISEASES)



KOLPAKOV, F.I. Histochemical method of determination of nickel in body tissues and the toxicity of its transfermal introduction. Farm. i toks. (MIRA 18:4) 27 no.31367-369 My-Je *64. 1. Kafedra kozhnykh i venericheskikh bolezney (zav. - prof. B.A. Teokharov) Omskogo meditsinskogo instituta.

KOLPAKOV, F.I., dotsent

Role of protective external preparations in preventing the penetration of chromium and nickel through the skin. Vest. derm. 1 ven. 38 no.948-13 S *64. (MIRA 18:4)

1. Knfedra kozhnykh i venericheskikh bolezne: (zav. - prof. B.A. Teokharov) Omskogo meditsinskogo instituta.

VAS L'YAV, F.; CORSTROV, N., narodnyy sud'ya (g.Suzdal', Vladimirskoy oblasti); KOLPAKOV, G. (s.Staraya Mayna, Ul'yakovskey oblasti); FEDOSENKO, A. (g.Minsk)

Readers ask questions, tell their experiences and make suggestions. Mest. prom. i khud. promysl 2 no.6:25 Je '61. (MIRA 14:7)

Starshiy mekhanik fabriki No.59, g. Moskva (for Vasil'yev).
 (Manufactures)

KOLPAKOV, G.A.; BIRMAN, A.S.

Bilateral ectopic pregnancy. Akush. 1 gin. 32 no.6:74-75 N-D '56.

(MIRA 10:11)

1. Iz khirurgicheskogo otdeleniya (nach. - zaaluzhennyy vrach RSFSR kendidat meditsinskith nauk G.A.Kolpakov) zhelezno-dorozhnoy bol'nitay Bernaula.

(PREGNANCY, EXTRAUTERINE)

KOLPAKOV, G.A., kond.med.nauk, saslyshenyy vrach RSFSR., GAYENKO, G.P., kand.biolo.nauk

A case of echinococcosis of the spine. Ortop.travm. i protez.
19 no.4:63-64 Jl-Ag '58

1. Is khirurgicheskogo otdeleniya (nach - G.A. Kolpakov)
sheleznodoroshoy bul'nitay g. Banaula i kafedry biologii
(zav. - G.P. Gayenko) Altayskogo meditsinskogo instituta.

(SPINE, dis.
achinococcosis (Rus))
(ECHINOCOCCOSIS, case reports
spine (Rus))

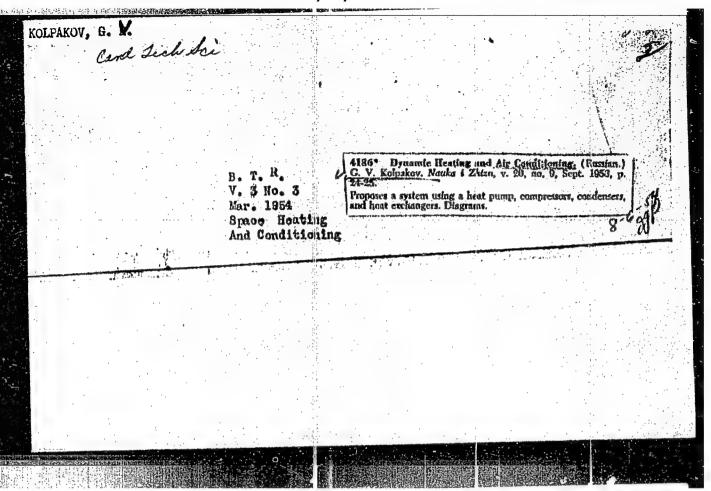
KOLPAKOV, Grigoriy Matveyevich, inzh.; COLOVKO, N.V., inzh., retsenzent; NASONKIN, A.P., inzh., retsenzent;

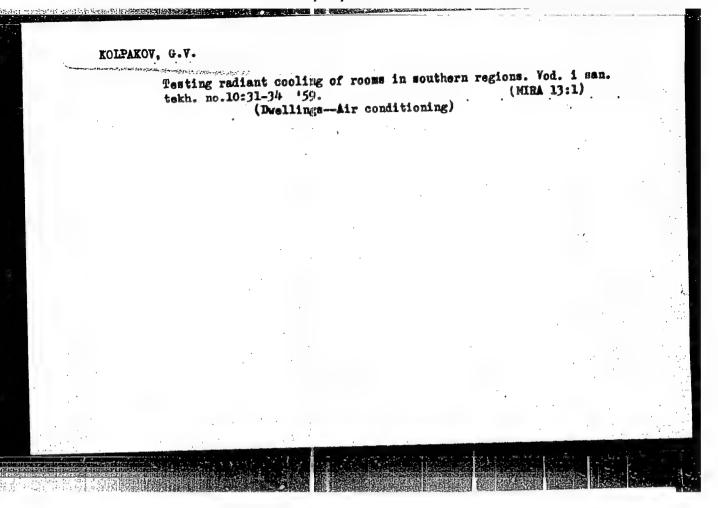
[Electrical equipment of plants of the coke by-product industry] Elektrooborudovanie koksokhimicheskikh zavodov. Kiev, Tekhnika, 1965. 305 p. (MIRA 18:6)

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Problems of radiant heating	g). Moskva. Gos.	izd. arkhitektur	ry i gradostroi	ret. Strat 1971.
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9. Monthly List of Russi	an Accessions, Li	brary of Congres	s, November	1958, Uncl.
				2.

KOLPAKOV, G.V., kandidat tekhnicheskikh nauk. Principles of ventilating schoolrooms. Gor.khoz.Mosk. 25 no.6:25-26 (MIRA 10:9) Je '51. (Schoolhouses -- Heating and ventilation)

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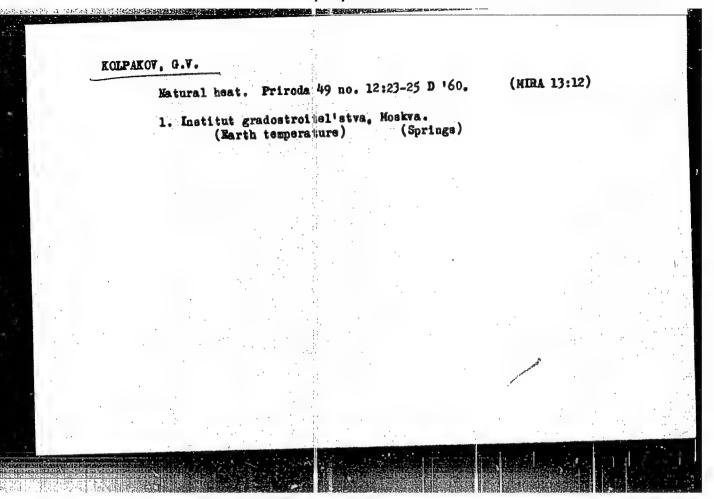




ROLPAKOV. Q.V.; KOTETISHVILI, Q.A.

Fump-operated heat-supply system at the TSkhaltubo health resort. Vod.i san.tekh. no.8:6-8 Ag '60. (MIRA 13:7)

(TSkhaltubo--Health resorts, watering places, etc.--Heating and ventilation)



KOLPAKOV, G.V., kand. tekhn. ngak; VORONINA, T.V., red. 1zd-va;

NAUMOVA, G.D., tekhn. red.

[Improving the microclimate during severe summer heat]uluchshenie mikroklimata v usliviiakh letnego peregreva. Moskva,
Gos. 1zd-vo lit-ry po stroit., arkhit.i stroit.materialam,
1962. 50 p.

(City planning)

(Air conditioning)

Willization of hot-spring water as a source of heat in cities, health resorts, and incustrial enterprises of Krasmodar Territory, Isslapo mikroklim.nasel.mest i zdan.i po stroi.fiz. no.1:71-86 (MIRA 15:9) (Krasmodar Territory—Springs) (Heating)

BERLINER, Yu. I.; KOLPAKOV, G.V.

12.15年中日中华国际中国经济政治的国际企业,

Developing a plan for the integrated mechanization of production in the manufacture of petroleum apparatus. Mash. i neft. obor. no.12:16-19 *64. (MIRA 18:1)

1. Vsesoyuznyy proyektno-tekhnologicheskiy institut Khimnefteapparatury.

KOLPAKOV, G.V. kand. tekhn. nauk

Geothermal energy and methods for using it. Vod. i san. tekh.

(MiRA 1822)

Kolpakov, I.A.

AUTHORS :

Kolpakov, I.A., Smyslov, V.I., Yudayev, B.N.

3-6-15/29

FITLES

On the One-Year Post Graduate Course (O godichnoy aspiranture)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 6, pp 66 - 67 (USSR)

ABSTRACT:

The article expresses dissatisfaction with the lack of students at the postgraduate instructors' course. Instructors of higher educational institutions, who have sufficient experience in their chosen specialities, have shown capability for scientific-research work and have passed the minimum of examinations for a candidate's degree in their practical work, may take this course. This type of scientific worker generally can finish the research and successfully defend his dissertation in a single year.

The higher educational institutions of the USSR Ministry of Higher Education, which have 25,000 scientific-pedagogical workers not holding a scientific degree, have sent only 240 persons to this post-graduate course. The Vuzes of the Ukrainian SSR Ministry of Higher Education employing more than 5,000 instructors without a degree have sent only 24 persons to the course. Participation of the Vuzes of Siberia, the Far East, Central Asia is also very poor. The Omsk Machine Building-, the Tomsk Construction-Engineering- and the Novosibirsk

Card 1/2

On the One-Year Post Graduate Course/13/2000 CIA-RDP86-00516R000824010004-2

Electrical-Engineering Institutes (Omskiy mashinostroitelinyy, Tomskiy inzhenerno-stroitel'nyy-, Novosibirsk elektrotekhnicheskiy institut) did not send a single instructor in 1956, although many of their workers hold no degree. The Ministry's plan for 1957, provides for 2,000 participants in the 3-year course and 400 in the one-year course. The latter number could be doubled if the Wizes were more active.

ASSOCIATION: Personnel Administration, USSR Ministry of Higher Education (Upravleniye Kadrov Ministerstva Vysshego obrazovaniya SSSR)

AVAILABLE:

Library of Congress

Card 2/2

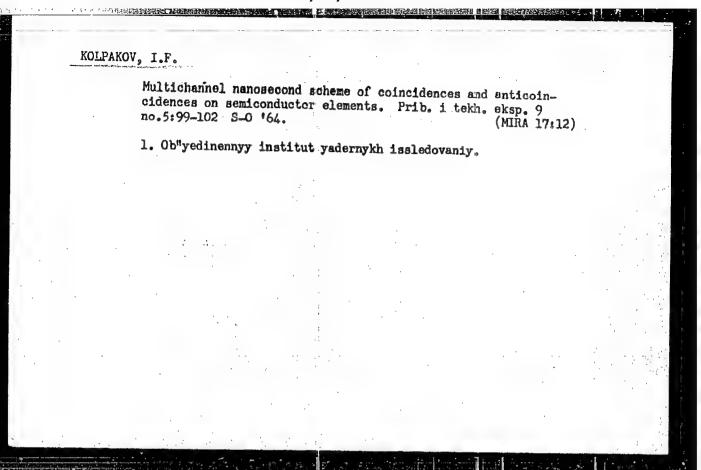
331lılı 5/120/61/000/006/010/041 E135/E435

TITLE:

A digital comparison circuit and binary reversible counter using semiconductor triodes

PERIODICAL: Pribory i tekhnika eksperimenta, no.6, 1961, 61-64

A binary reversible counter and a digital comparison circuit are described. They are built up of logical circuit elements of the pulse-potential type. The circuit elements have The binary reversible counter has five stages and can receive pulses at frequencies up to 250 kc/s. The digital comparison circuit distinguishes the greatest of a series of numbers that are admitted to its input circuit and records this greatest number. The numbers are fed into the input circuit in succession in the form of a series of pulses. The circuit contains two registers X and Y, each of four binary stages. A comparison cycle consists of the following Register X records initially a number remaining from a previous comparison cycle. Register Y is set to zero and the next number is recorded on it. Then a trigger pulse causes the Card: 1/2



ACC NR: AP6034229

SOURCE CODE: UR/0120/66/000/005/0127/0131

AUTHOR: Kolpakov, I. F.

ORG: Joint Nuclear Research Institute, Dubna (Ob'yedinennyy institut yadernykh issledovaniy)

TITLE: A semiconductor integral amplitude discriminator of nanosecond pulses

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1966, 127-131

TOPIC TAGS: pulse amplitude, electric vibrator, nanosecond pulse

ABSTRACT: An integral amplitude discriminator of nsec pulses is described which is designed for use in experiments with fast scintillation counters. Tunnel diodes of the 3I30IG type are used for pulse discrimination and shaping. A tunnel diode is also used in the univibrator as the threshold element. The discriminated input pulse amplitudes range from 0.25 to 12 V. When the pulse amplitude is increased beyond the established level, its dependence on the discrimination threshold becomes nonlinear. Because of this fact and to eliminate repeated triggering of the discriminator in the presence of strong input signals, a limitation is set on large pulse amplitudes. The threshold characteristics of the discriminator were measured with 10-nsec pulses from a mercury generator. The integral nonlinearity of the threshold did not exceed 0.9% at temperatures ranging from + 20 to + 60 C. In this case, the thermal

Card 1/2

UDC: 621.374

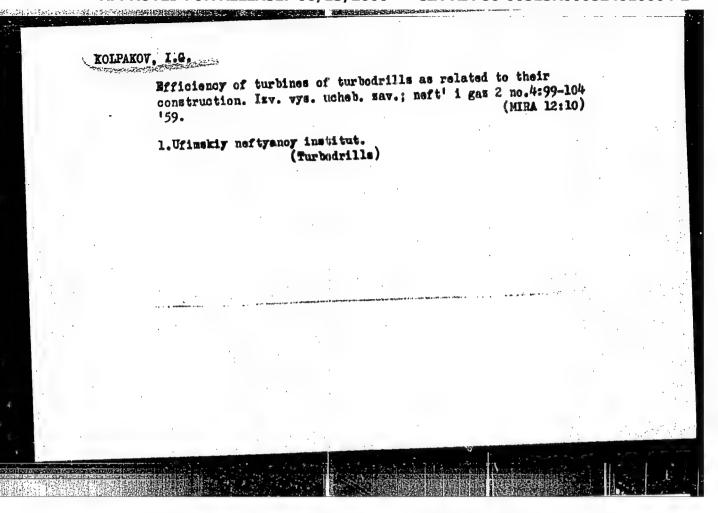
ACC NRI AP6034229 coefficient of the threshold voltage was 3.4 mV/deg. The discriminator circuit, whose dead time was below 40 nsec, has two outputs. With a 100-ohm load at the first output the pulse amplitude was 6 V, polarity was negative, and duration at half-height was 10 nsec; at the second output the pulse amplitude was 3 V, polarity positive, and duration at half-height 8 nsec. The discriminator, which requires a maximum power supply of 3.8 W, was successfully used in experiments with the sychrocyclotron of the Joint Nuclear Research Institute (Ob'yedinennyy institut yadernykh issledovaniy). In conclusion, the author takes this opportunity to express his gratitude to B. S. Krasnoborodov for asmembly, adjustment, and assistance in evaluating the characteristics, and to A. V. Kuptsov for assistance in the measurement. Orig. art. has: 4 figures. 120ct65/ OTH REF: SUBM DATE: SUB CODE: Card

KOLPAKOV, I.F.; SARANTSEVA, V.R., tekhn. red.

[Transistorized decade scaler with a resolving time of 10⁻⁷ sec.] Dekadnyi pereschetnyi pribor s razreshaiushchim vremenem 10⁻⁷ sek na poluprovodnikovykh tricdakh. Dubna, Obnedinennyi in-t iadernykh issl., 1962. 15 p.

(Counting devices)

(Counting devices)



L 26919-65 EMD(J)/EMT(m)/EPF(c)/EPF(h)-2/EPP/EMP(J)/T/EMA(h)/EMA(1) Pr-4/Ps-4/Pu-4/Feb RPL GG/RM/WW/DN 8/0089/65/018/001/0048/3052 ACCESSION NR: AP5004004 AUTHORS: Makhlis, F. A., Kolpakov, I. M. Determination of the neutron and gamma irradiation doses absorbed by polymer materials THURCE: Atomnaya energiya, v. 18, no. 1, 1964, 48-52 TAGS: neutron irradiation, gamma irradiation, radiation dose, absorbed dose, polymer The A procedure and results are presented for the calculation lose absorbed by some neitron- and gamma-ir.ad.ated polymers, 7 the elementary composition of the materia and the radiation energy. The dose absorbed in a unit volume filled with one material lated for the elements most frequently encountered in radia-Temistry in biology, and also for substances like polyethy ene, types of rubber, teflon, and other common polymers. Card

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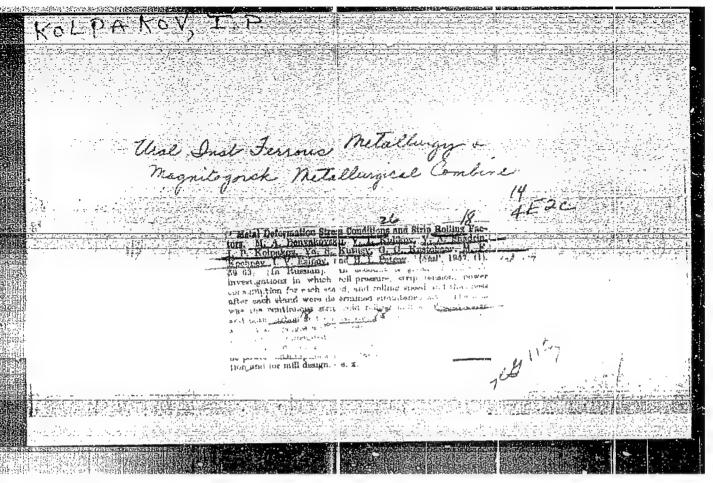
presented for the thermal—and fast-neutron doses absorbed has substances, normalized to a unit neutron flux. It is associated a neutron passing through a polymer experiences only one collision. The gamma radiation for any one element can be calculated of the mass coefficients of true absorption of the two materials. In the case of thermal—neutron irradiation the dose is calculated from a formula that takes into account the cross sections for the different reactions occurring with the small and fast neutrons. For most polymers the absorbed fast—neutron dose is much larger than the corresponding quantity for thermal neutrons, with the exception of responding quantity for thermal neutrons, with the exception of the containing a large amount of fluorine. The authors thank the containing a large amount of fluorine. Orig. art.

has: 6 formulas and 3 tables.

ASSOCIATION: None of the state of the state

Card 2/3

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137-58-6-12914

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 247 (USSR)

AUTHORS: Tsekhanskiy, M.I., Prostakov, M.Ye., Kolpakov, I.P.

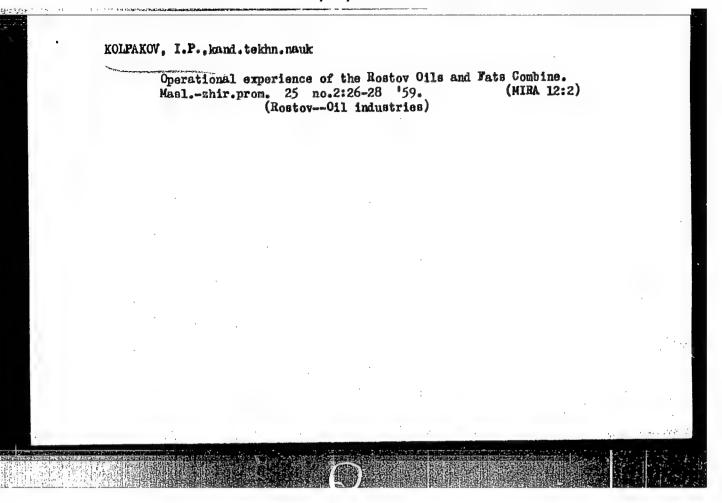
TITLE: On the Reasons of Formation of "Bubble" Flaws on White Tin and Preventive Methods Therefor (O prichinakh vozniknoveniya poroka "puzyr" na beloy zhesti i merakh bor'by s nim)

PERIODICAL: Byul. nauchno-tekhn. inform. Ural'skiy n.-i. in-t chernykh metallov, 1957, Nr 3, pp 131-139

ABSTRACT: The causes of the fault are the following; sulfide and sulfoxide impurities in the steel; insufficient and nonuniform heating of ingots in the absence of turning manipulation; H₂ diffusion into the defective areas of the metal during the pickling of the tin. In order to avoid the formation of "bubbles" and to improve the quality of the tin, the content of S in the finished steel should be ≤ 0.03%; the loading of ingots into the heating kiln should be done at 700-800°C; the temperature of sulfuric-acid pickling solution during the rough pickling process should be ≤65°; the activity of the addition agent should be > 85%.

1. Steel--Coatings 2. Tin contings. Properties 5.

Card 1/1 3. Steel--Coatings 2. Tin coatings--Properties G.K.



8(2) 507/32-25-4-42/71

AUTHORS: Yanus, R. I., Kubarev, V. V., Vdovin, Yu. A., Kolpakov, I. P.

TITLE: Automatic Apparatus for Sorting-out Plates of Electrotechnical Steel (Avtomaticheskiy apparat dlya rassortirovki listov elektro-

tekhnicheskoy stali)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 4, pp 480-481 (USSR)

ABSTRACT: The comrades G. C. Lyustiberg, P. I. Suruda, and G. G. Anoshen-

kov also took part in this investigation. An automatic device (Fig 1) for sorting out electrotechnical steel plates

(1500 x 750 mm) was developed on the basis of an improved scheme of the coercimeter according to R. I. Yanus et al (Ref 2). The plate to be controlled closes a magnetic circuit, is magnetized by a selencid, and closes a circuit of a certain intensity in the demagnetizing winding. If the field in the latter is equal to the coercive force of the plate, this plate is demagnetized, but if the field is stronger or weaker, the plate remains

but if the field is stronger or weaker, the plate remains magnetized or is overmagnetized in the opposite direction. The amount and the sign of the residual magnetization of the plate is determined by means of two MKV-2 rectifiers. A scheme of the

Card 1/2 whole device for steel-plate sorting (Fig 2) with a description

SOV/32-25-4-42/71

Automatic Apparatus for Sorting-out Plates of Electrotechnical Steel

of the operation is given. The efficiency of a model on the scale of 1:3 is indicated with 420 plates an hour. In the Verkh-Isetskiy metallurgicheskiy zavod (Verkh-Isets iy Metallurgical Works), an industrial plant for plate sorting of this manual designed for three types of steel with a capacity of 80 tons a day. There are 2 figures and 2 Soviet references.

200,000

Ural skiy institut chernykh metallov i Institut fiziki metallov Ural skogo filiala Akademii nauk SSSR (Ural Institute c Ferrous Metals, and Institute of Metal Physics of the Ural Branch of the Academy of Sciences USSR)

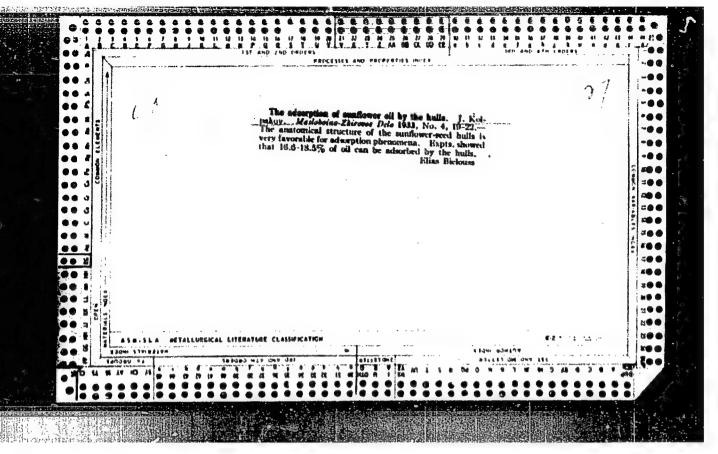
Card 2/2

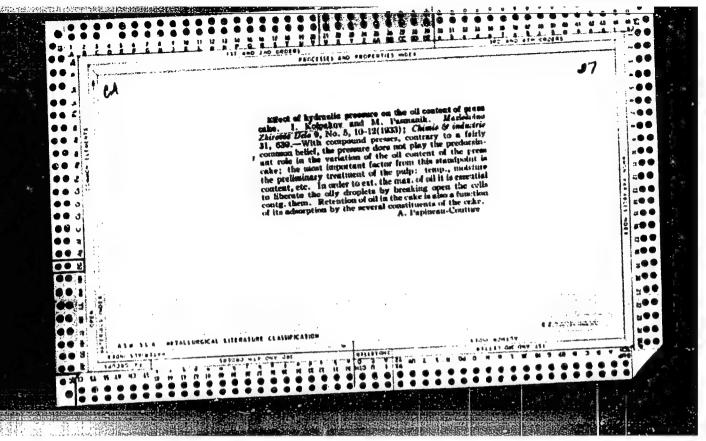
ASSOCIATION:

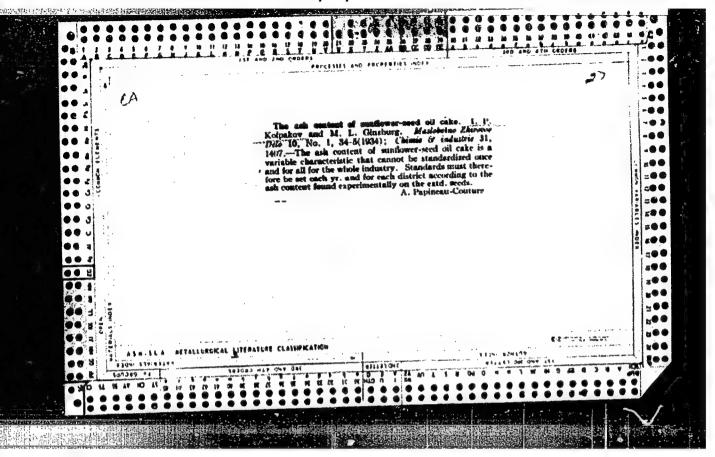
MOLPAKOV, I.P., kand.tekhn.nauk "Equipment for the manufacture of vegetable oils" by I. V. Gavrilenko, Reviewed by I.P.Kolpakov. Masl.-zhir.prom. 28 no.4145-46 Ap '62. (MRR 15:5) (Oil industries-Equipment and supplies) (Gavrilenko, I.V.)

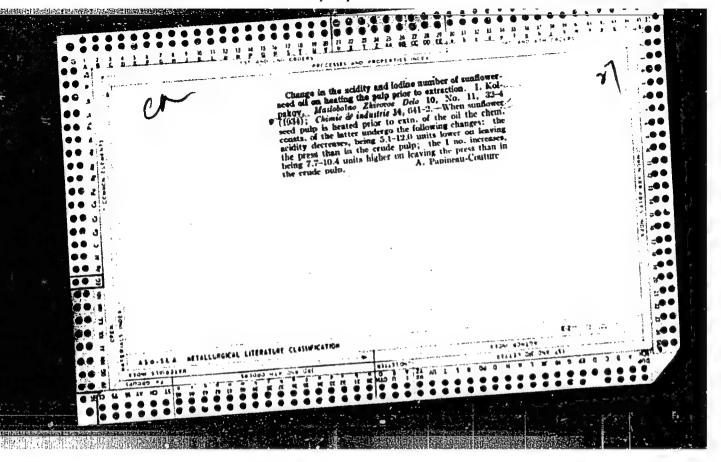
BUKHARIN, V.V., inzh.; KOLPAKOV, I.P., kand. tekhn. nauk; ZAREMBO, G.V., kand. tekhn. nauk; VOLTER, I.N., inzh.

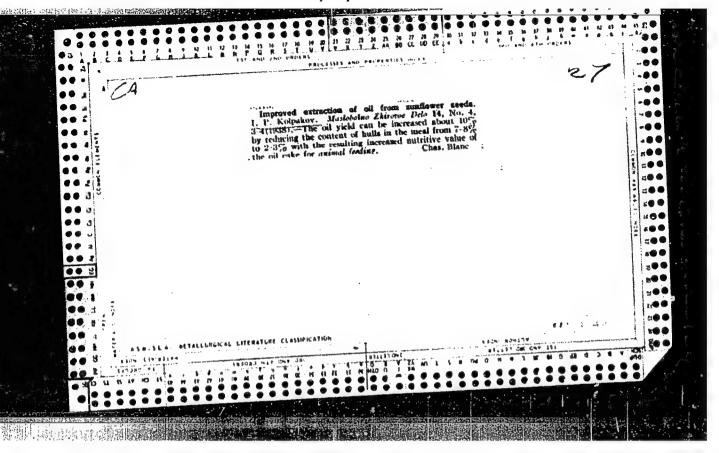
Review of A.V. Titov's book "Over-all mechanization in oil mills." Masl.-zhir. prom. 29 no.8:37-42 Ag '63. (MIRA 16:10)











KOLPAKOV, I. P.

30363

Iz praktiki raboty so shnyekpryessami tipa "FP" I "yeP". Pishch. Promst SSSR, Vyp. 13, 1949, S. 31-37.

SO: Letopis' No. 34

- t. KOLPAKOV, I.P.
- 2. USSR (600)
- 4. Sunflower Seed Cil
- 7. Reprocessing sunflower seeds by double pressing on screw presses. Masl.zhir. prom. 17, no. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

- 1. KOLPAKOV, I.P. Eng.
- 2. USSR (600)
- 4. Sunflower Seed 011
- 7. Work of huller-separator shops. Masl.zhir.prom. 17, no. 4, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

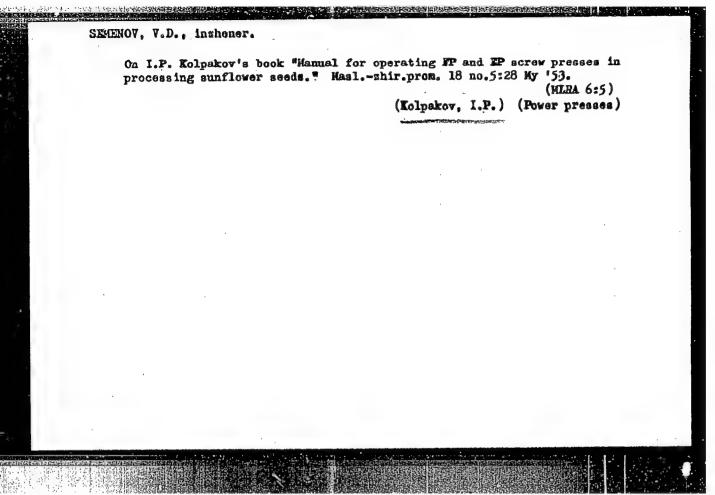
- 1. MOROZO, I.S.: KOLPAKOV, I.P., Eng.
- 2. VISR (600)
- 4. Oils and fats.
- 7. A.A. Lesyuys¹ book "Technology of fat extraction." Masl. zhir. prom. 17. no. 5. 1952.

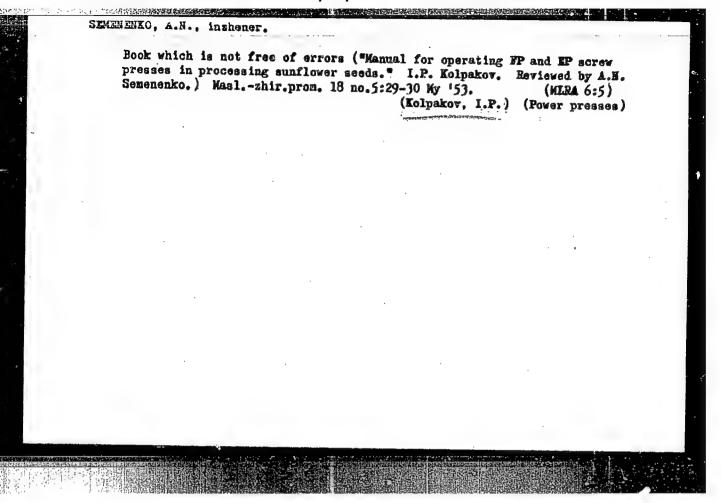
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

KOLPAKOV, I.P., inzhener.

Processing unhulled and once-screened sunflower seeds. Meel.-zhir. prom. 17 no.11:23-24 N 352. (MLRA 10:9)

1. Rostovskiy na-Donu Masloshirkombinat.
(Sunflower seed)

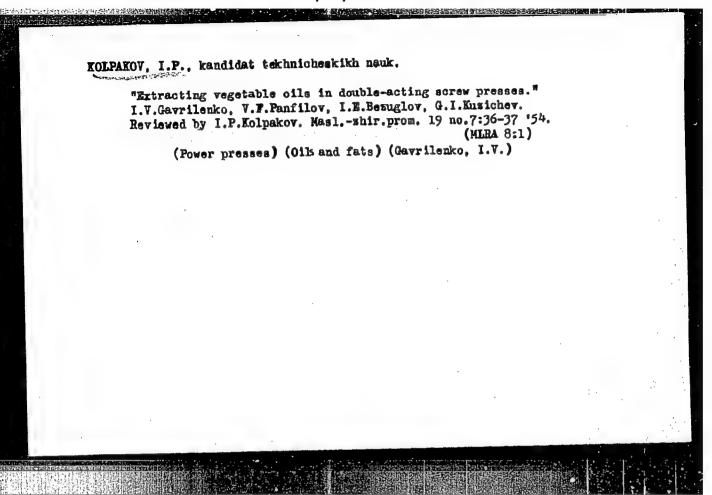




KCIPAKOV, I. P.

"Study and Development of Methods for Improving the Refining of Sunflower Seeds." No 23, Dec 54) (RZhKhim,

Survey of Scientific and Technical Dissertations Defended at USSE Higher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55



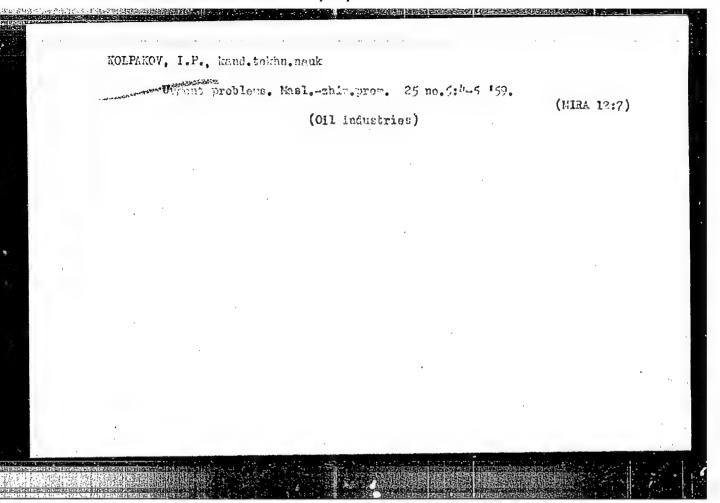
KOLPAKOV, I.P. "Basis for the design of hulling and fanning equipment in the eil industry." I.V. Denin. Reviewed by I.P. Kolpakov. Masl.-shir.prom. (MIRA 9:8) (Oil industries-Equipment and supplies)

Causes of fires in eil mills. Posh.dele 4 no.9:7-8 5 '58.

(MIRA 11:9)

1.Glavnyy inshener restovskege masleshirkombinata "Rabochiy."

(Oil industries-Fires and fire prevention)



KOLPAKOV, I.P., kand. tekhn. nauk; POPOV, G.A., inzh.

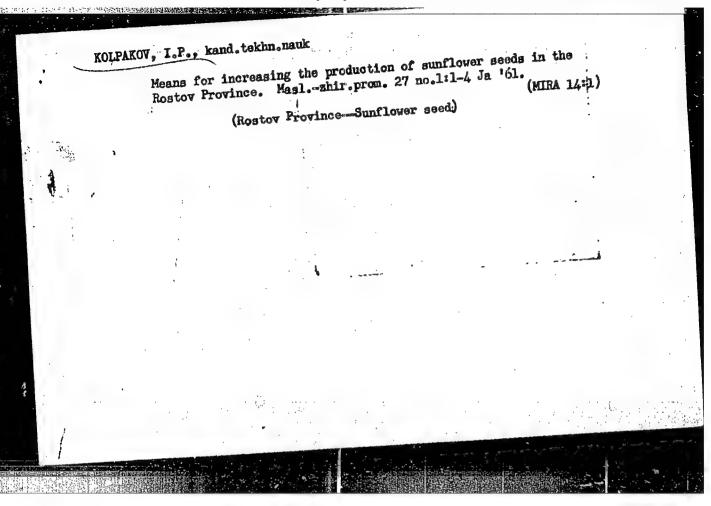
Sising, cutting, and stamping machines. Masl.-shir. prom. 25 no.7:
45-46 '59.

(Soap industry--Equipment and supplies)

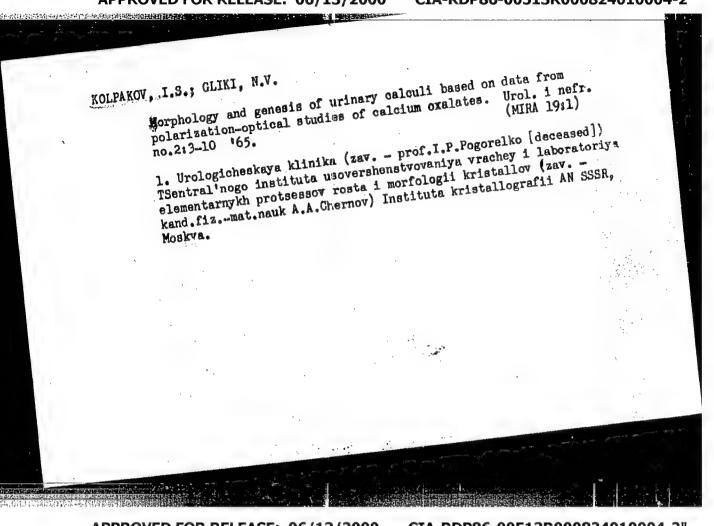
(Soap industry--Equipment and supplies)

MARKMAN, A.L., doktor tekhn.nauk; KOLPAKOV, I.P., kand.tekhn.nauk

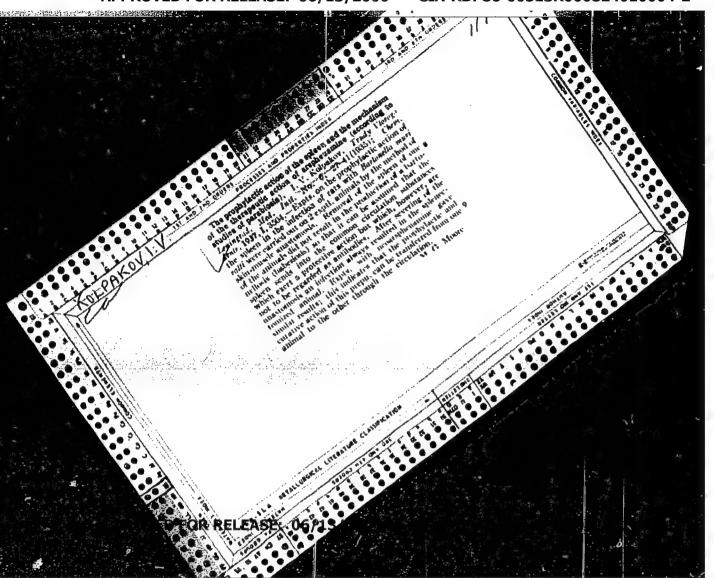
On [prof.] A.M. 'Goldovskii's book "Theoretical principles of the production of vegetable cils." "Sviewed by A.L.Markman, I.P. Kolpakov. Masl.-shir.prom. 26 no.8:35-39 Ag '60.(MIRA 13:8) (Oils and fats) (Goldovskii, A.M.)



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KOLPAKOV, I. V.

"Concerning the Influence of Anaphylactic Shock on the Carbon Dioxide in the Blood," Trudy Astrakhan. Medits. Inst., Vol. 10, pp. 47-51, 1952

Provocative insemination as a method for controlling sterility in cows. Zhivotnovodstvo 23 no.3:51-52 Mr '61. (MIRA 17:1) l. Donskoy zonal'hyy nauchno-issledovatel'skiy institut sel'skogo khozyaystva.

KONDAUROV, D.; KOLPAKOV, K.; SLYUSAREV, V.

Over-all mechanization of corn harvesting. Tekh.v sel'khoz. 19
no.5:10-13 Wy '59. (MIRA 12:7)

1. Kubanskiy nauchno-issledovatel'skiy institut ispytaniy traktorov
i sel'skokhozyaystvennykh meshin.
(Corn(Waize)—Harvesting)

KOLPAKOV, L. G.

"An Investigation of Flow in the Turbines of Turbine Drills." Cand Tech Sci, Moscow Grder of Labor Red Banner Petroleum Inst imeni I. M. Gubkin, 14 Dec 54. (VM, 3 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12) SO: Sum. No. 556 24 Jun 55

SOV/124-57-7-7900

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 63 (USSR)

AUTHOR:

Kolpakov, L. G.

TITLE:

Evaluation of the Cascade Performance of a Turbodrill Turbine

(Otsenka kachestva reshetok turbin turboburov)

PERIODICAL: Tr. Mosk. neft.in-t, 1956, Nr 16, pp 148-167

ABSTRACT:

Results are given of the calculation of the total-pressure loss coefficient for a plane cascade of profiles of a stock-type turbine rotor wheel of a turbodrill and the corresponding loss in a theoretical cascade constructed for the same conditions. The velocity distribution in the potential flow of an incompressible liquid over the cascade profile was determined according to the method described in the paper by L. At Dorfman [Teploperedacha i aerogidrodinamika (Heat Transfer and Aerohydrodynamics) TsKTI, 1952, Nr 22]. The coefficient of loss was determined by calculating the parameters of the trailing-edge boundary layeriaccording to the method of L. G. Loytsyanskiy (Prikladnaya matem. i mekhanika, 1945, Vol 9, Nr 6). Some advantages of the theoretical cascade of profiles are shown. In contrast to the generally accepted evaluation the performance of the cascade in this

Card 1/2

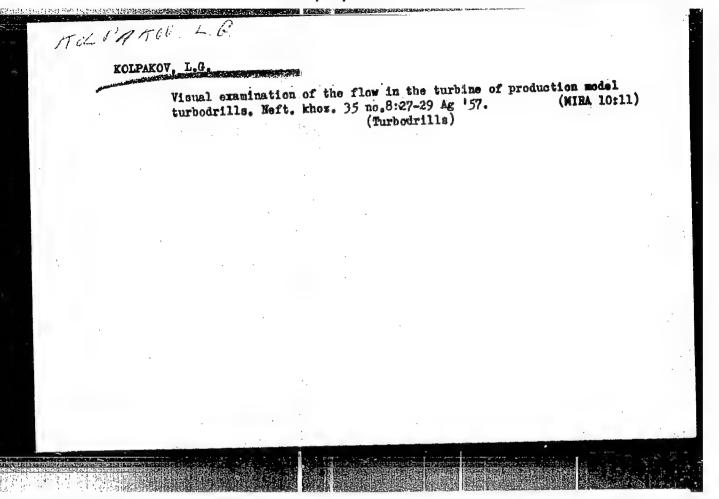
SOV/124-57-7-7900

Evaluation of the Cascade Performance of a Turbodrill Turbine

paper is characterized by the product of the efficiency and the peripheral force while in the calculation of the efficiency the total-pressure losses are referred to the axial force. There is an erroneous statement concerning a presumed unavailability of reliable data for a valid choice of parameters of theoretical cascades (see, for example, RZhMekh, 1955, abstract 1782). Bibliography: 17 references.

V. L. Epshteyn

Card 2/2



Galculating the stability of turbedrill shafts. Izv.vys.ucheb. zav.: neft' i gaz l no.11:105-110 '58. (MIRA 12:5) 1. Ufimskiy neftyanoy institut. (Turbedrills)

EXOLPAKOV, L.G.; ROMAHOV, V.P.

Determining the quality of turbodrill turbine grids. Izv. vys. ucheb. zav.; neft' 1 gaz 3 no.11:39-44 '60. (MIRA 14:1)

1. Ufimskiy neftyanoy institut. (Turbodrills)

Principal results of the industrial testing of the 12NlOx4 centrifugal pump in Al'met'yevsk carried out by the Oil Field Administration of the Tatar Petroleum Trust. Trudy NIITransneft' no.1:110-113 '61.

(Gentrifugal pumps—Testing)

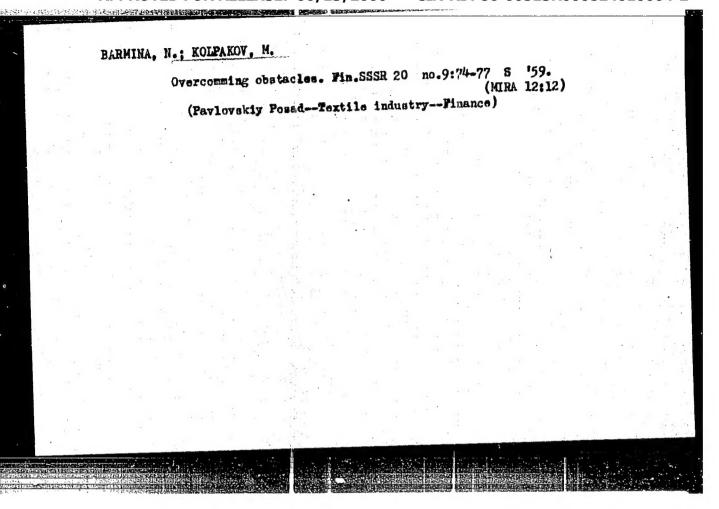
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KOIPAKOV, L.G.; SAFRONOV, V.Ya.; LOPATIN, G.K.; FEDOROV, T.A.; YERONEN, V.I.

Possibility of using glandless pumps for pipelines. Trudy NIITransneft' no.3:107-113 '64.

(MIRA 18:2)



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